Samuel Olubukun

Full Stack AI/ML Developer

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TECHNICAL SKILLS

- Languages: Python, JavaScript, Typescript, PHP, Java, SQL, HTML/CSS
- Frameworks: Node.js, Flask, FastAPI, Django, React, Next.js, Express.js, Tailwind CSS, Bootstrap
- Artificial Intelligence & Machine Learning: Deep Learning, NLP, Computer Vision, Generative AI (LLMs), Prompt Engineering, and frameworks including TensorFlow, PyTorch, Scikit-learn, LangChain, Gemini, OpenAI, and Hugging Face.
- Tools & Platforms: Docker, Git, GitHub, Google Cloud Platform (GCP), Jupyter Notebook, MongoDB, MySQL

CERTIFICATIONS

- Oracle Cloud Infrastructure Data Science Professional (2025) ● Oracle Cloud Infrastructure Generative AI Professional (*2025*)
- Oracle Cloud Infrastructure AI Foundations Associate (*2025*) ● WorldQuant University Applied AI & Data Science Labs (*2025*)
- Databricks Generative AI Fundamentals (*2025*) ● freeCodeCamp Machine Learning & Data Analysis -Python (*2024*)

PROFESSIONAL EXPERIENCE

SELF-EMPLOYED — Remote
Freelancer — April 2025 – Present

- Built intelligent systems leveraging AI, Data Science, and Machine Learning, including LLMs and AI Agents.
- Developed and maintained scalable full-stack web applications using MERN, FastAPI, React, Next.js, Flask, Django, and PHP.

OMDENA — Remote
Junior ML Engineer — February 2025 – August 2025

- Contributed as a Junior ML Engineer in the HOTOSM: 3D Imagery Analysis & Segmentation AI Innovation Challenge

AFRICANSTREAMS — Remote
Quality Assurance Tester — August 2024 – November 2024

- Executed full-stack quality assurance (QA) for the Africanstreams platform, covering admin and client interfaces, and led defect management to enhance performance and reliability.

DIGITAL BRIDGE INSTITUTE NIGERIA — ABUJA, NIG
IT Support Intern — April 2024 - September 2024

- Provided technical support, gained knowledge and experience in data analytics and machine learning, and established foundational IT competency with Cisco CCNA and IT Essentials certifications.

EDUCATION

BINGHAM UNIVERSITY — Karu, Nasarawa State, NIG
Bachelor of Science, Major in Computer Science. — 2021-2025

PROJECTS

VOCAL VISTA | Next.js, TypeScript, Deepgram STT/TTS, Gemini AI, Convex
https://vocalvista.netlify.app/ — September 2025 – Present

- Built an AI voice coach using a seamless STT-LLM-TTS pipeline (Deepgram and Gemini AI) for real-time, personalized coaching feedback.
- Offers diverse coaching modes (e.g., Mock Interviews, Language Learning) and utilizes Convex for a real-time, instantly synchronized backend.

PIXAREACT | Next.js, TypeScript, TailwindCSS, Multimodal Gemini AI
https://pixareactgemini.netlify.app/ — October 2025 – Present

- Developed an AI tool to convert screenshots/sketches into functional React/TypeScript applications with TailwindCSS.
- Uses a multimodal Gemini AI for image processing, including client-side resizing and server-side code sanitization and repair.

CAREERPROFILE GEM | Wasp, React, TypeScript, Prisma, Google Gemini
https://github.com/samolubukun/CareerProfileGEM — September 2025 – October 2025

- AI-powered assistant built with Wasp, React, and Prisma, using Google Gemini for cover letter and resume generation.
- Supports AI generation, manual editing, and PDF import with Stripe-integrated credit management.

SOCIALLY | Next.js 14, Clerk Auth, Prisma, PostgreSQL, UploadThing, TailwindCSS, Shadcn UI
https://socially-delta-eight.vercel.app/ — March 2025 – April 2025

- Built a full-stack social media app with real-time features like posts, likes, comments, and notifications.
- Enhanced user experience with seamless media uploads, modern UI styling, and optimized interactions.

MEERAHZZ BRIDALS ECOMMERCE WEBSITE | PHP, HTML, CSS, JavaScript, MySQL, Paystack API
https://meerahzzbridals.com   **August 2024 - December 2024**

- An elegant eCommerce platform for bridal accessories and bouquets, featuring categorized product listings, real-time cart updates, Paystack payment integration, and an intuitive shopping experience built with PHP and core web technologies.
- Technologies used include Python, TensorFlow, Keras, OpenCV, Streamlit, and MTCNN.

ECOMMERCE PLATFORM | MongoDB, Express.js, React.js, Node.js, Braintree
https://github.com/samolubukun/EcommerceApp-MERN   **July 2024 – September 2024**

- A fully functional, deployable e-commerce platform built with the MERN stack. This app includes product management, a shopping cart, user authentication, and payment gateway integration using Braintree for secure transactions.
- Developed using MongoDB, Express.js, React.js, Node.js, and integrated with the Braintree payment gateway.

RAG-AIDED DOCUMENT CHATBOT WITH LLMS | Python, Streamlit, LangChain, Cohere LLM, FAISS, HuggingFace
https://rag-aided-document-chatbot-with-llms-fdpwspctq43ydglhl5ibcn.streamlit.app/   **January 2025- February 2025**

- Developed a document Q&A system using Retrieval-Augmented Generation (RAG) with Streamlit, LangChain, and Cohere LLM for efficient document processing and answering questions.
- Integrated FAISS for similarity search, HuggingFace for embeddings, and libraries like Python-docx, PyPDF2 for document text extraction.